



ATTORNEY DOCKET NO. 13172.0015U1  
 APPLICATION NO. 10/072,666  
 SHEET 1 OF 17

INFORMATION DISCLOSURE STATEMENT  
 LIST

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/072,666
Filing Date	February 8, 2002
First Named Inventor	Kumar, G.
Group Art Unit	1637
Examiner Name	Chunduru, S.

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
/SC/	F1	2,264,423	08/29/39	Wingenroth			
	F2	3,921,105	11/75	Brgetz			
	F3	3,983,421	09/76	Yogore			
	F4	4,469,863	09/04/84	Ts'o			
	F5	4,476,301	10/09/84	Imbach et al.			
	F6	4,748,111	05/31/88	Dattagupat et al.			
	F7	4,845,205	07/04/89	Huynh Dinh et al.			
	F8	4,883,750	11/28/89	Whiteley et al.			
	F9	4,965,188	10/23/90	Walker et al.			
	F10	4,965,188	10/23/90	Mullis et al.			
	F11	4,981,957	01/01/91	Lebleu et al.			
	F12	4,984,957	01/15/91	Noguchi et al.			
	F13	4,994,373	02/19/91	Stavrianopoulos et al.			
	F14	5,023,243	06/11/91	Tullis			
	F15	5,034,506	07/23/91	Summerton et al.			
	F16	5,043,272	08/27/91	Hartley			
	F17	5,118,800	06/02/92	Smith et al.			
	F18	5,130,238	07/14/92	Malek et al.			
	F19	5,130,302	07/14/92	Spielvogel et al.			
	F20	5,134,066	07/28/92	Rogers et al.			
	F21	5,166,315	11/24/92	Summerton et al.			
	F22	5,175,273	12/29/92	Bischofberger et al.			
	F23	5,177,196	01/05/93	Meyer Jr., et al.			
	F24	5,185,444	02/09/93	Summerton et al.			
	F25	5,188,897	02/23/93	Suhadolnik et al.			
	F26	5,214,134	05/25/93	Weis et al.			
	F27	5,216,141	06/01/93	Benner			
	F28	5,235,033	08/10/93	Summerton et al.			
	F29	5,242,794	09/07/93	Normal et al.			
	F30	5,264,423	11/23/93	Cohen et al.			
	F31	5,264,562	11/23/93	Matteucci			
	F32	5,264,564	11/23/93	Matteucci			
	F33	5,264,567	11/23/93	Numata et al.			
	F34	5,273,638	12/28/93	Konrad et al.			
	F35	5,276,019	01/04/94	Cohen et al.			
	F36	5,278,302	01/11/94	Caruthers et al.			
	F37	5,286,717	02/15/94	Cohen et al.			
/SC/	F38	5,319,080	06/07/94	Leumann			

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

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INFORMATION DISCLOSURE STATEMENT LIST				Complete if Known
				Application Number
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				First Named Inventor
				Group Art Unit
				Examiner Name
/SC/	F39	5,321,131	06/14/94	Agrawal et al.
	F40	5,328,824	07/12/94	Ward et al.
	F41	5,354,668	10/11/94	Auerbach
	F42	5,359,044	10/25/94	Cook et al.
	F43	5,367,066	11/22/94	Urdea et al.
	F44	5,367,069	11/22/94	Beck et al.
	F45	5,393,878	02/28/95	Leumann
	F46	5,399,676	03/21/95	Froehler
	F47	5,405,938	04/11/95	Summerton et al.
	F48	5,405,939	04/11/95	Suhadolnik et al.
	F49	5,409,818	04/25/95	Davey et al.
	F50	5,412,087	05/02/95	McGall et al.
	F51	5,427,930	06/27/95	Birkenmeyer et al.
	F52	5,429,807	07/04/95	Matson et al.
	F53	5,432,272	07/11/95	Benner
	F54	5,434,257	07/18/95	Matteuci et al.
	F55	5,443,986	08/22/95	Haughland
	F56	5,446,137	08/29/95	Maag et al.
	F57	5,451,067	09/19/95	Pieper
	F58	5,451,203	09/19/95	Lamb
	F59	5,453,496	09/26/95	Caruthers et al.
	F60	5,455,166	10/03/95	Walker
	F61	5,455,233	10/03/95	Spielvogel et al.
	F62	5,457,187	10/10/95	Gmeiner et al.
	F63	5,459,255	10/17/95	Cook et al.
	F64	5,466,677	11/14/95	Baxter et al.
	F65	5,466,786	11/14/95	Buhr et al.
	F66	5,470,967	11/28/95	Huie et al.
	F67	5,476,427	12/19/95	Fujima
	F68	5,476,925	12/19/95	Letsinger et al.
	F69	5,484,908	01/16/96	Froehler et al.
	F70	5,489,677	02/06/96	Sanghvi et al.
	F71	5,502,177	03/26/96	Matteucci et al.
	F72	5,510,270	04/23/96	Fodor et al.
	F73	5,514,785	05/07/96	Van Ness et al.
	F74	5,516,134	05/14/96	Crawford et al.
	F75	5,516,663	05/96	Backman et al.
	F76	5,519,126	05/21/96	Hecht
/SC/	F77	5,519,134	05/21/96	Acevedo et al.
	F78	5,521,065	05/28/96	Whiteley et al.

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INFORMATION DISCLOSURE STATEMENT LIST  (Use as many sheets as necessary)				Complete if Known
/SC/	Application Number	Filing Date	First Named Inventor	Group Art Unit
	F79	5,523,204	06/04/96	Singer et al.
	F80	5,525,711	06/11/96	Hawkins et al.
	F81	5,536,821	07/16/96	Agrawal et al.
	F82	5,538,871	07/23/96	Nuovo et al.
	F83	5,541,306	07/30/96	Agrawal et al.
	F84	5,541,307	07/30/96	Cook et al.
	F85	5,547,843	08/20/96	Studier et al.
	F86	5,550,111	08/27/96	Suhadolnik et al.
	F87	5,552,540	09/03/96	Haralambidis
	F88	5,556,772	09/96	Sorge et al.
	F89	5,561,225	10/01/96	Maddry et al.
	F90	5,563,253	10/08/96	Agrawal et al.
	F91	5,563,912	10/08/96	Yasunga et al.
	F92	5,567,811	10/22/96	Misiura et al.
	F93	5,571,799	11/05/96	Tkachuk et al.
	F94	5,576,427	11/19/96	Cook et al.
	F95	5,587,361	12/24/96	Cook et al.
	F96	5,587,469	12/24/96	Cook et al.
	F97	5,591,609	01/07/97	Auerbach
	F98	5,591,722	01/07/97	Montgomery et al.
	F99	5,594,121	01/14/97	Froehler et al.
	F100	5,596,086	01/21/97	Matteucci et al.
	F101	5,596,091	01/21/97	Switzer et al.
	F102	5,597,909	01/28/97	Urdea et al.
	F103	5,599,921 A	02/97	Sorge et al.
	F104	5,602,240	02/11/97	De Mesmaeker et al.
	F105	5,608,046	03/04/97	Cook et al.
	F106	5,610,289	03/11/97	Cook et al.
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	F108	5,614,389	03/25/97	Auerbach
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	F110	5,614,617	03/25/97	Cook et al.
	F111	5,618,704	04/08/97	Sanghui et al.
	F112	5,623,070	04/22/97	Cook et al.
	F113	5,625,050	04/29/97	Beaton et al.
	F114	5,627,053	05/06/97	Usman et al.
	F115	5,629,158	04/13/97	Uhlen
	F116	5,629,179	05/13/97	Mierendorf et al.
	F117	5,633,360	05/27/97	Bischofberger et al.
/SC/	F118	5,639,873	06/17/97	Barascut et al.

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	First Named Inventor	Kumar, G.			
	Group Art Unit	1637			
	Examiner Name	Chunduru, S.			
/SC/	F119	5,646,265	07/08/97	McGee	
	F120	5,658,873	08/19/97	Bentsch-Frank et al.	
	F121	5,663,312	09/02/97	Chaturvedula	
	F122	5,670,633	09/23/97	Cook et al.	
	F123	5,677,437	10/14/97	Teng et al.	
	F124	5,677,439	10/14/97	Wies et al.	
	F125	5,681,941	10/28/97	Cook et al.	
	F126	5,700,920	12/23/97	Altmann et al.	
	F127	5,710,028	01/98	Eyal et al.	
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	F129	5,728,526	03/98	George et al.	
	F130	5,733,733	03/31/98	Auerbach	
	F131	5,766,891	06/98	Shuman	
	F132	5,795,714	08/18/98	Cantor et al.	
	F133	5,821,084	10/13/98	Olmsted et al.	
	F134	5,854,053	12/09/98	Donovan, et al.	
	F135	5,866,329,	02/02/99	Demetriou et al.	
	F136	5,871,921	02/16/99	Landgren et al.	
	F137	5,874,260	02/23/99	Cleuziat et al.	
	F138	5,909,132	06/99	Trofimenkoff et al.	
	F139	5,925,517	07/20/99	Tyagi et al.	
	F140	5,942,391	08/24/99	Zhang et al.	
	F141	5,985,639	11/99	Christianson et al.	
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	F143	6,017,703	01/25/00	Kinders et al.	
	F144	6,037,130	03/14/00	Tyagi et al.	
	F145	6,054,274	04/00	Sampson et al.	
	F146	6,057,105	05/02/00	Hoon et al.	
	F147	6,077,668	6/20/00	Kool	
	F148	6,077,674	06/00	Schleifer et al.	
	F149	6,124,120	09/26/00	Lizardi	
	F150	6,132,728	10/17/00	Beachy et al.	
	F151	6,203,984	03/20/01	Hu et al.	
	F152	6,214,587	04/10/01	Dattagupta et al.	
	F153	6,235,502	05/01	Weissman et al.	
	F154	6,248,535	06/19/01	Dandenberg et al.	
	F155	6,274,320	08/01	Rothberg et al.	
	F156	6,280,949	08/28/01	Lizardi	
✓	F157	6,287,768	09/11/01	Chenchik et al.	
/SC/	F158	6,287,776	09/11/01	Hefti	

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/SC/	F159	6,287,824	09/11/01	Lizardi
	F160	6,288,220	09/11/01	Kambara et al.
	F161	6,291,193	09/18/01	Khodadoust
	F162	6,297,006	10/02/01	Drmanac et al.
	F163	6,312,902	11/06/01	Shultz et al.
	F164	6,316,229	11/13/01	Lizardi et al.
	F165	6,355,431	03/02	Chee et al.
	F166	6,365,729 B1	04/02	Tyagi et al.
	F167	6,368,801	04/09/02	Faruqi
	F168	6,403,319	06/02	Lizardi et al.
	F169	6,440,707	08/27/02	Kwok et al.
	F170	6,458,544	10/01/02	Miller
	F171	6,472,185	10/29/02	McCasky Feazel et al.
	F172	6,475,736	11/02	Stanton
	F173	6,479,242	11/12/02	Guo et al.
	F174	6,479,244	11/12/02	Belouchi et al.
	F175	6,498,023	12/24/02	Abarzua
	F176	6,531,283	03/11/03	Kingsmore et al.
	F177	6,573,051	06/03/03	Alsmadi et al.
	F178	6,617,137	09/09/03	Dean et al.
	F179	6,632,609	10/14/03	Lizardi
	F180	6,635,425	10/21/03	Bandaru et al.
	F181	6,670,126	12/30/03	Kingsmore et al.
	F182	6,686,157	02/03/04	Ward et al.
	F183	6,703,228	03/04	Landers et al.
	F184	6,703,885	02/04	Fan et al.
	F185	6,713,257	03/04	Shoemaker et al.
	F186	6,777,183	08/17/04	Abarzua
	F187	6,797,474	09/28/04	Lizardi
	F188	6,811,986	11/02/04	Bandaru et al.
	F189	6,830,884	12/14/04	Hafner et al.
	F190	6,861,222	03/01/05	Ward et al.
	F191	6,921,642	07/26/05	Kingsmore et al.
	F192	6,977,153	12/20/05	Kumar et al.
	F193	7,041,480	05/09/06	Abarzua
	F194	2001/0041340	11/15/01	Kingsmore et al.
	F195	2002/0009716	01/24/02	Abarzua
	F196	2002/0119465	08/16/02	Zhao et al.
	F197	2002/0120409	08/02	Cao et al.
	F198	2002/0192649	12/19/02	Lizardi

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					First Named Inventor	Kumar, G.
					Group Art Unit	1637
					Examiner Name	Chunduru, S.

/SC/	F199	2002/0192658	12/19/02	Ward et al.			
	F200	2002/0197694	12/02	Shao			
	F201	2003/0008313	01/09/03	Whitshire			
	F202	2003/0022167	01/30/03	Alsmadi et al.			
	F203	2003/0032024	02/13/03	Lizardi			
	F204	2003/0044794	03/06/03	Bandaru et al.			
	F205	2003/0108902	06/12/03	Abarzua			
	F206	2003/0143613	07/31/03	Kingsmore et al.			
	F207	2003/0152932	08/14/03	Kumar et al.			
	F208	2003/0165948	09/04/03	Alsmadi et al.			
	F209	2003/0175788	09/18/03	Alsmadi et al.			
	F210	2003/0207267	11/06/03	Lasken et al.			
	F211	2003/0207323	11/06/03	Bandaru et al.			
	F212	2003/0235849	12/25/03	Lizardi			
	F213	2004/0091857	05/13/04	Nallur et al.			
	F214	2004/0121338	06/24/04	Alsmadi et al.			
	F215	2004/0126770	07/01/04	Kumar et al.			
	F216	2004/0191784	09/30/04	Abarzua et al.			
	F217	2004/0248103	12/09/04	Feaver et al.			
	F218	2004/0265897	12/30/04	Lizardi			
	F219	2005/0079523	04/14/05	Hafner et al			
	F220	2006/0166227	07/27/06	Kingsmore et al.			
/SC/	F221	2006/0188892	08/24/06	Kumar et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
/SC/	F222	AU 649066	05/12/94	Syngene, Inc.	
	F223	AU 714486	04/20/00	Yale University	
	F224	EP 0 128 332	12/19/84	Enzo Biochem Inc.	
	F225	EP 0 356 021	02/28/90	Imperial Chemical Ind., PLC	
	F226	EP 0 379 369	07/25/90	Syntex Inc.	
	F227	EP 0 439 182	07/31/91	Abbott Laboratories	
	F228	EP 0 466 520	01/15/92	Life Technologies, Inc.	
	F229	EP 0 505 012	09/23/92	F. Hoffman-La Rouche AG	
	F230	EP 0 667 393	08/16/95	Enzo Biochem Inc.	
	F231	EP 0 678 582	10/25/95	Becton Dickinson and Co.	
	F232	EP 0 756 009 A2	01/29/97	Sato et al.	
	F233	GB 2,332,516	06/23/99	Hewlett-Packard Co.	
	F234	JP 4262799	09/18/92	Toyobo Co. Ltd	Yes
/SC/	F235	JP 4304900	10/28/92	Toyobo Co. Ltd	Abstract Only

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				First Named Inventor		Kumar, G.	
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/SC/	F236	JP 5146299	06/15/93	Toyobo Company, Ltd			
	F237	WO 91/08307	06/13/91	Microprobe Corp.			
	F238	WO 92/01813	02/06/92	Syngene, Inc.			
	F239	WO 94/16108	07/21/94	The Public Health Research Institute of the City of New York, Inc.			
	F240	WO 94/24312	10/27/94	Beckman Instruments, Inc.			
	F241	WO 95/03430	02/02/95	Gen-Probe Inc.			
	F242	WO 95/03432	02/02/95	Bio Rad Laboratories, Inc.			
	F243	WO 95/22623	08/24/95	Ulf Landegren			
	F244	WO 95/25180	09/21/95	Gen-Probe Inc.			
	F245	WO 95/35390	12/28/95	Mount Sinai School of Medicine of the City University of New York			
	F246	WO 96/33207	10/24/96	Glaxo Group Limited			
	F247	WO 97/20948	06/12/97	Koch			
	F248	WO 97/42346	11/13/97	Tepnel Medical Ltd.			
	F249	WO 98/04746	02/05/98	Mount Sinai School of Medicine of the City University of New York			
	F250	WO 99/18241	04/15/99	Yale University			
	F251	WO 2000/004193	01/27/00	Yale University			
	F252	WO 2000/015779	03/23/00	Yale University			
	F253	WO 2000/036141	06/22/00	Diatech PTY, LTD.			
	F254	WO 2001/040516	06/07/01	Molecular Staging, Inc.			
	F255	WO 2001/061037	08/23/01	Fredriksson et al.			
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	F257	WO 2001/077390	10/18/01	Molecular Staging, Inc.			
	F258	WO 2001/079420	10/25/01	Molecular Staging, Inc.			
	F259	WO 2001/088190	11/22/01	Molecular Staging, Inc.			
	F260	WO 2001/097616	12/27/01	Molecular Staging, Inc.			
	F261	WO 2002/000934	01/03/02	Molecular Staging, Inc.			
	F262	WO 2002/002792	01/10/02	Molecular Staging, Inc.			
	F263	WO 2002/053780	07/11/02	Molecular Staging, Inc.			
	F264	WO 2002/077256	10/03/02	Molecular Staging, Inc.			
	F265	WO 2002/103058	12/27/02	Molecular Staging, Inc.			
/S/	F266	WO 2003/008538	01/30/03	Molecular Staging, Inc.			
/S/	F267	WO 2004/061119	07/22/04	Qiagen GMBH			
<b>NON-PATENT DOCUMENTS</b>							
Examiner's Initials	Cite No.	Non-Patent Citations (Include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
	F268	Abravaya et al. Detection of point mutations with a modified ligase chain reaction (Gap-LCR). <i>Nucleic Acids Res.</i> 23(4):675-682 (1995)					

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(Use as many sheets as necessary)			Application Number
/SC/	F269	Alves et al. Dot blot detection of point mutations with adjacently hybridising synthetic oligonucleotide probes. <i>Nucleic Acids Res.</i> 16(17):8723 (1988)	10/072,666
	F270	Arnold et al. Assay formats involving acridinium-ester-labeled DNA probes. <i>Clin Chem.</i> 35(8):1588-1594 (1989)	Filing Date
	F271	Ausubel et al. <i>Current Protocols in Molecular Biology</i> . John Wiley & Sons. 1:1.6.1-1.6.6 (1988)	First Named Inventor
	F272	Barany. Genetic disease detection and DNA amplification using cloned thermostable ligase. <i>Proc Natl Acad Sci USA.</i> 88:189-193 (1991)	Group Art Unit
	F273	Barbato et al. Solid Phase Syntheses of Cyclic Oligodeoxyribonucleotides. <i>Tetrahedron Letters.</i> 28(46):5727-2728 (1987)	Examiner Name
	F274	Bertina et al. Mutation in blood coagulation factor V associated with resistance to activated protein C. <i>Nature.</i> 369:64-67 (1994)	Chunduru, S.
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			Group Art Unit 1637
			Examiner Name Chunduru, S.
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INFORMATION DISCLOSURE STATEMENT LIST  (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
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